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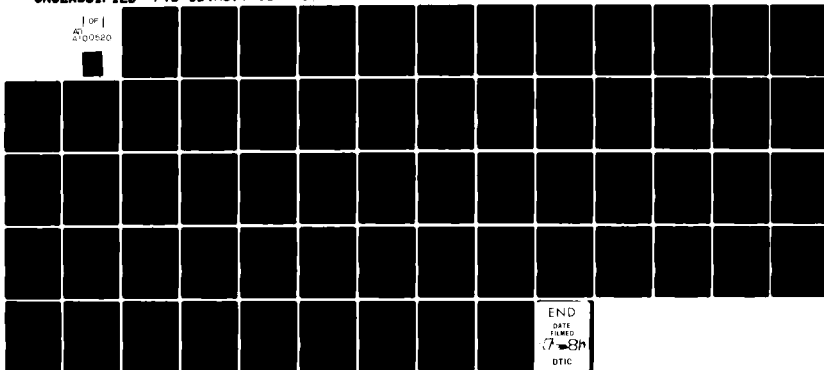
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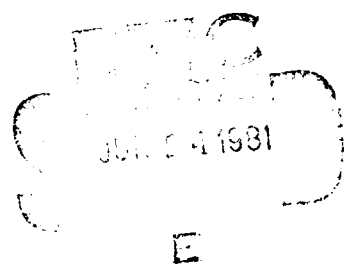
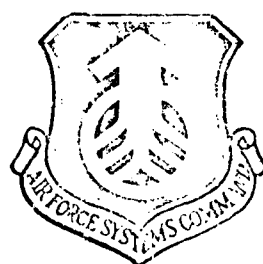
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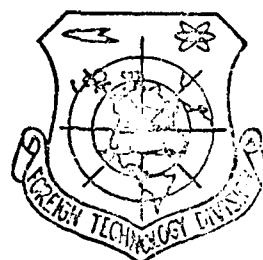
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FOREIGN TECHNOLOGY DIVISION



MEASURES FOR INCREASE IN THE EFFECTIVENESS IN THE WORK
OF SCIENTIFIC ORGANIZATIONS AND ACCELERATION OF USE
IN THE NATIONAL ECONOMY OF THE ACHIEVEMENTS
OF SCIENCE AND TECHNOLOGY



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MEASURES FOR INCREASE IN THE EFFECTIVENESS
IN THE WORK OF SCIENTIFIC ORGANIZATIONS AND
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OF THE ACHIEVEMENTS OF SCIENCE AND TECHNOLOGY.

English pages: 60

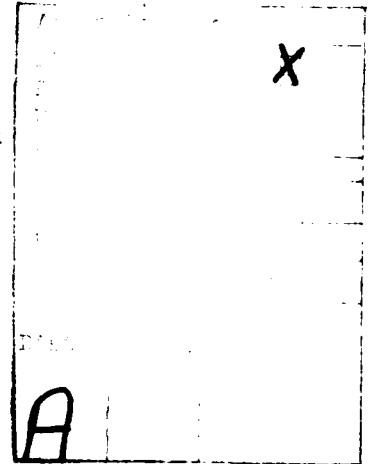
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U. S. BOARD ON GEOGRAPHIC NAMES TRANSLITERATION SYSTEM

Block	Italic	Transliteration	Block	Italic	Transliteration
А а	<i>А а</i>	A, a	Р р	<i>Р р</i>	R, r
Б б	<i>Б б</i>	B, b	С с	<i>С с</i>	S, s
В в	<i>В в</i>	V, v	Т т	<i>Т т</i>	T, t
Г г	<i>Г г</i>	G, g	У у	<i>У у</i>	U, u
Д д	<i>Д д</i>	D, d	Ф ф	<i>Ф ф</i>	F, f
Е е	<i>Е е</i>	Ye, ye; E, e*	Х х	<i>Х х</i>	Kh, kh
Ж ж	<i>Ж ж</i>	Zh, zh	Ц ц	<i>Ц ц</i>	Ts, ts
З з	<i>З з</i>	Z, z	Ч ч	<i>Ч ч</i>	Ch, ch
И и	<i>И и</i>	I, i	Ш ш	<i>Ш ш</i>	Sh, sh
Й й	<i>Й й</i>	Y, y	Щ щ	<i>Щ щ</i>	Shch, shch
К к	<i>К к</i>	K, k	Ъ ъ	<i>Ъ ъ</i>	"
Л л	<i>Л л</i>	L, l	Ы ы	<i>Ы ы</i>	Y, y
М м	<i>М м</i>	M, m	Ь ь	<i>Ь ь</i>	'
Н н	<i>Н н</i>	N, n	Э э	<i>Э э</i>	E, e
О о	<i>О о</i>	O, o	Ю ю	<i>Ю ю</i>	Yu, yu
П п	<i>П п</i>	P, p	Я я	<i>Я я</i>	Ya, ya

*ye initially, after vowels, and after ъ, ы; e elsewhere.
When written as ё in Russian, transliterate as yë or ë.

RUSSIAN AND ENGLISH TRIGONOMETRIC FUNCTIONS

Russian	English	Russian	English	Russian	English
sin	sin	sh	sinh	arc sh	sinh
cos	cos	ch	cosh	arc ch	cosh
tg	tan	th	tanh	arc th	tanh
ctg	cot	cth	coth	arc cth	coth
sec	sec	sch	sech	arc sch	sech
cosec	csc	csch	csch	arc csch	csch

Russian English

rot	curl
lg	log

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Measures for increase in the effectiveness in the work of scientific organizations and acceleration of use in the national economy of the achievements of science and technology.

The CC CPSU and the Council of Ministers of the USSR note that into the short historical periods Soviet science and the industry they achieved the high degree of development and have the decisive effect on the rates of the technical progress of national economy the countries. On the number of main trends Soviet science occupies the leading place in the world, which makes it possible to solve important problems in economic development and strengthening of the defense capability of the country.

Taking into account the level of the development of science and industry and requirement of the building of Communism reached, the XXIII Congress of CPSU determined the main directions of technical progress, connected with the guarantee of development of productive forces, by strengthening the right of Soviet state, by a steady increase in the material and cultural standard of living of the

people. For the accomplishment of these objectives it is necessary to sharply improve the work of scientific organizations, to remove the deficiencies, which restrain use in the national economy of the achievements of science and technology.

Overall deficiency of the work of scientific research, planning, design and building, technological organizations and scientific subdivisions of higher educational institutions lies in the fact that their activity is not concentrated entirely on the resolution of the most important scientific and technical problems and especially on the decision of the questions, connected with the acceleration of the rates of rise in productivity of work in the industry, the agriculture, the construction, in the field of transportation and in other branches of national economy. Are extremely great the periods of the mastery/adoption of scientific achievements, what is explained by the insufficient responsibility of scientific, planning, design and technological organizations for the level of the performance of scientific and technical developments, and enterprises - for the timely mastery/adoption of the production of the articles of new technology.

Is not provided the clear specialization of scientific, planning, design and technological organizations, is weakly developed among them scientific and technical competition. Is excessively great

interruption/discontinuity in the time between conducting of the scientific studies of design and technological developments and their practical realization. To a considerable degree this is determined by the disparagement of the role of design subdivisions and laboratories in the enterprises and by undercapacities for the production of equipment, molds, punches, optical equipment and instrument.

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The existing system of the economic stimulation of scientific and technical developments and their mastery/adoption in the production does not contribute to an increase in the effectiveness in the work of scientific organizations. Scientific basis in the enterprises and technical equipment of scientific research institutions and higher educational institutions are developed insufficiently. Are not accepted the necessary measures for the efficient use of cadres in the science and an increase in their responsibility for the technical and economic level of scientific studies.

For the purpose of an improvement in the work of scientific organizations and acceleration of use in the national economy of the achievements of science and technology the Central Committee of CPSU and the Council of Ministers of the USSR decree:

1. To State Committee of the Council of Ministers of the USSR on science and technology, Gcsplan of the USSR, Gosstroy of the USSR, Academy of Sciences of the USSR, ministries and departments of the USSR and Councils of Ministers of the union republics, on the basis of the problems of the development of the economy of the country, planned by the XXIII Congress of CPSU, to ensure during the development of long-range, most promising, five-year and annual national-economic plans the wider use of the newest achievements of Soviet and foreign science and technology, advanced experience and on this basis further increase in the efficiency of public production, material and cultural standard of living of the people, and to also take urgent measures to a considerable increase in the effectiveness in the work of scientific institutions, an improvement in the organization of scientific studies and control of development of science and technology to an increase in the responsibility of the heads of industrial enterprises, scientific research, planning, design and building and technological organizations, scientific subdivisions of higher educational institutions for the creation of new technology and its use in the national economy.

2. To recognize as necessary so that on most important problems of development of national economy and its separate branches

henceforth would be developed/processed scientific and technical predictions/forecasts for prolonged period (to 10-15 and more than years), which must be basis for selection of promising trends of technical progress and effective means of development of national economy and its separate branches.

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To lay the development of scientific and technical predictions/forecasts for the most important problems of the development of national economy on the State Committee of the Council of Ministers of the USSR on science and technology, Gosplan of the USSR, the Academy of Sciences of the USSR and Gosstroy of the USSR (on construction and the building materials) jointly with the interested ministries and the departments of the USSR and the Councils of Ministers of the union republics.

To approve the tentative enumeration of the most important problems of the development of the national economy on which must be developed in the current five-year period scientific and technical predictions/forecasts, according to application/appendix No 1. Reports and propositions according to the scientific and technical predictions/forecasts to present for the examination of the Council of Ministers of the USSR.

To ministries and to the departments of the USSR and to the Councils of Ministers of the union republics to ensure the development of the predictions/forecasts of the technical and economic development of separate branches and national economy of the union republics and scientific and technical predictions/forecasts for the most important problems, which have branch or republican significance, on the enumeration, matched with the State Committee of the Council of Ministers of the USSR on science and technology and by Gosplan of the USSR. Reports and propositions according to such predictions/forecasts are represented into the Council of Ministers of the USSR and in the copy into the State Committee of the Council of Ministers of the USSR on science and technology, Gosplan of the USSR and Gosstroy of the USSR (on construction and building materials).

On the basis of the scientific and technical predictions/forecasts on the most important problems and from the predictions/forecasts of the technical and economic development of the separate branches of national economy, to ministries and to the departments of the USSR and to the Councils of Ministers of the union republics to organize the development of the designs (in the volume of technical and economic reports) of enterprises and production to

the prolonged prospect (10-15 years), and also the models of machines and equipment of the future so that would be provided the necessary scientific and technical reserve for the transition to the qualitatively new technological processes with an increase in the labor productivity by several times in comparison with the contemporary level. The technical and economic indices of such projects must be basis for the planned, research, design and technological works.

To State Committee of the Council of Ministers of the USSR on science and technology and Academy of Sciences of the USSR with the participation of the Gosplan of the USSR and Gosstroy of the USSR to affirm the order of the development of scientific and technical predictions/forecasts, general requirements for the composition of the projects of enterprises and productions for the prolonged prospect and the designs of the models of machines and equipment of the future.

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3. For the purpose of more complete utilization of achievements of science and technology in national economy, further raising technical level of industrial production to ministries and to departments of USSR and to Councils of Ministers of union republics

to ensure rebuilding of work of planning, scientific research, design and building and technological organizations in this direction that newly designed enterprises to input time of their into exploitation for their technical and economic indices and technical level of released production would considerably exceed analogous existing Soviet enterprises, and also analogous enterprise, available in other countries. In the projects of new enterprises must be provided the complex of the measures, which ensure the technical perfection of the processes of production and improvement in the quality of production.

To machine-building ministries to ensure publication yearly, beginning from 1969, catalogs to all types of the serially produced equipment and to the equipment, planned for the issue during the subsequent years, providing for in the catalogs necessary initial data for projecting of new ones and reconstruction of the existing enterprises, and also the publication of information bulletins about the removal/taking from production in the obsolete equipment is not less than in 1-2 years before the curtailment of its issue.

To consider lost the force of point 9 of the Resolution of the Council of Ministers of the USSR of 6 May, 1965, No 371.

4. In accordance with accepted decisions about planning of development of national economy to establish that basic form of state

planning of development of science and technology is five-year plan, developed on the basis of problems of development of economy of country and basic trends in development of science and technology to long-range/most promising period.

Propositions about basic trends in development of the science and technology, and also enumeration of the basic scientific and technical problems, which are subject to resolution in the period being planned, are developed/processed before the composition of five-year plan by the state Committee of the Council of Ministers of the USSR on science and technology jointly with the Academy of Sciences of the USSR and with the participation of ministries and departments of the USSR, Councils of Ministers of the union republics and scientific and technical societies, on the basis of the prospects for the development of science and scientific and technical predictions/forecasts on the most important national-economic problems, and they are represented jointly with the Gosplan of the USSR into the Council of Ministers of the USSR for the examination.

In the propositions about the main trends the developments of science and technology are determined the level of the technical development of the branches of rational economy, which is planned to achieve toward the end of period being planned, and also the most important scientific studies and the technical developments,

necessary for the creation of scientific and technical reserve.

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The main content of plan with respect to the resolution of basic scientific and technical problems must be:

creation and the mastery/adoption of new highly-productive machines and equipment for the composite equipment of industrial production, construction, of agriculture, transport, of municipal services, and also creation and the mastery/adoption of effective technical equipment for mechanization and automation of production processes, creation and the mastery/adoption of new, more economical materials;

creation and the mastery/adoption of the highly efficient technological processes of production, which ensure the composite use of a raw material and materials, an improvement in the quality of production, a reduction in the labor and material cost, an increase in the productivity, an improvement in the working conditions;

further perfection of the methods of organizing of production, control of production and scientific organization of labor, creation and the mastery/adoption of the automated systems of control and

information processing in the enterprises, in the associations/unifications, ministries and departments, the automated systems of control of the technological processes, based on the use/application of mathematical methods, electronic and controlling computers;

resolution of problems in the region of construction, architecture, agriculture, public health.

For the purpose of an improvement in scientific and technical direction of works on resolution of basic scientific and technical problems are appointed if necessary main organizations for problems, and also scientific heads or chief designers from a number of chief/leading scientists and specialists and their deputies from a number of heads of the leading scientific research institutes and enterprises, responsible for the resolution of the definite/determined part of the problem.

To the State Committee of the Council of Ministers of the USSR on science and technology and Academy of Sciences of the USSR jointly with the interested ministries and by departments to determine within the 3-month period the order of the designation/purpose of the scientific heads or of the chief designers on the problems and their deputies, and to also affirm situation about their rights/laws and

responsibilities.

5. To determine following forms of plans of scientific research works and use of achievements of science and technology in national economy:

a) state five-year plan of scientific research works and use of achievements of science and technology in national economy, which consists of tasks/targets with respect to resolution of basic scientific and technical problems, which have important national-economic significance, tasks/targets with respect to production of new forms of industrial production, mastery/adoption of advanced technology, mechanization and automation of production and creation of automated systems of control and plan of training scientific cadres. The state plan indicated is the composite/composed component part of the state five-year plan of the development of the national economy of the USSR.

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To grant to the State Committee of the Council of Ministers of the USSR on science and to the technology to right introduce the necessary changes in tasks/targets with respect to the resolution of basic scientific and technical problems taking into account the

achievements of science and technology;

b) coordination plans with respect to the decision of the basic scientific and technical problems, included in the state five-year plan of scientific research works and use of achievements of science and technology in the national economy, that foresee the execution of all complex of works, beginning from the scientific studies and ending with the use of their results in the national economy, and connecting/fitting these works between the executors/performers.

Coordination plans with respect to the resolution of basic scientific and technical problems are developed/processed by ministries and departments, responsible for the decision of the corresponding problems, according to the agreement with the ministries and department-executors/performers and they are asserted by the State Committee of the Council of Ministers of the USSR on science and technology. Control of the execution of the coordination indicated is plan be carried out by this committee.

To establish that the volumes of expenditures for works on resolution of basic scientific and technical problems are provided for, as a rule, to ministries and to the departments of the USSR and union republics, be responsible for the decision of the corresponding problems as a whole. Scientific research, design and building and

technological organizations and enterprises in other ministries and departments and the higher educational institutions, which participate in the resolution of the separate sections of problems, are drawn to the execution of these works as the co-executors by agreement.

To ministries and to the departments of the USSR and to the Councils of Ministers of union republics to provide in the primary operational procedure, envisaged by coordination plans on resolution of basic scientific and technical problems, with the necessary money and material and technical service lives in the limits of assignments, wage funds and logistic support, isolated on the basis of the state plan of the development of the national economy of the USSR and the state budget of the USSR for the corresponding period;

c) state annual utilization plan in the national economy of the new most important types of production, technological processes and automated control systems, which have state significance, financing scientific research works and training of scientific cadres.

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The plan indicated is the composite/compound component part of the state annual plan of the development of the national economy of the

USSR;

d) the branch and republican five-year and annual plans of scientific research works and use of achievements of science and technology in the production, asserted by ministries and departments of the USSR and by Councils of Ministers of the union republics in which are provided for the tasks/targets of state plans with respect to the resolution of basic scientific and technical problems, with respect to resolving of the problems, which have branch or republican significance, and also task/target with respect to the mastery/adoption in the production of the new forms of production and advanced technology, on mechanization and automation of production and on the creation of the automated control systems;

e) five-year and annual plans of scientific research, design and building and technological works and use of achievements of science and technology in the production, asserted by the appropriate ministries and the departments of the USSR and union republics, by the Academy of Sciences of the USSR, by the academies of the sciences of the union republics and by branch academies for subordinate organizations and enterprises in which are provided for the tasks/targets, which ensue from the national-economic plans, the resolutions of government, coordination plans with respect to the resolution of basic scientific and technical problems, branch and

republic plans, and also task/target with respect to training of scientific cadres, material and technical and financial guarantee of the planned/glide works.

In the five-year and annual plans of enterprises for new technology are provided for the tasks/targets with respect to the mastery/adoption of the production of the new means of production and new technological processes, overall mechanization and automation of production, that have especially important significance for the development of branch.

Thematics of the initiative works, advanced by scientific councils, scientists and by the specialists of scientific research, design and building and technological organizations and higher educational institutions, on the realization of separate scientific and technical proposals, and also thematics of search studies in the fundamentally new scientific and technical directions, which correspond to the profile/airfoil of organization, they are examined and are asserted by the heads of these organizations.

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For conducting the work of ministry and department indicated they provide for in the plans the necessary means within the limits

of the adjusted by it expenditures for scientific research and experimental design works and allot to the appropriate subordinate organizations material and technical resources;

f) the five-year plans of scientific studies into the fields of natural and social sciences, developed/processed by the Academy of Sciences of the USSR with the participation of ministries and department-executors/performers and asserted by the Academy of Sciences of the USSR according to agreement with the State Committee of the Council of Ministers of the USSR on science and technology, and on the economic sciences - also according to the agreement with the Gosplan of the USSR.

6. To permit to ministries and departments of USSR and to Councils of Ministers of union republics to leave at its disposal for amplifying separate directions of scientific studies on resolution of basic scientific and technical problems undistributed/unallocated reserve for budgetary appropriations for scientific-research works in size/dimension to 2 percent of volume of budgetary assignments, provided for to ministries and to departments of USSR and to Councils of Ministers of union republics, in limits of total volume of expenditures for scientific research works.

7. To grant the right to the State Committee of the Council of

Ministers of USSR on science and technology according to agreement with ministries and departments of USSR to redistribute between them volumes of expenditures for scientific research works, including wage fund, in limits of total volumes of expenditures and wage fund, provided for by state plans of development of national economy for scientific research works.

8. To permit to scientific research institutions of Academy of Sciences of the USSR, Academies of Sciences of union republics, branch academies of sciences, Ministry of Public Health of USSR, Ministry of Public Health of union republics, Ministry of Higher and secondary special education of the USSR, ministries (committees) of Higher and secondary special education of union republics, Ministry of Education of USSR, ministries of Education (public education) of union republics, Ministry of Agriculture of USSR, Ministries of Agriculture of union republics and State committee of forestry of Council of Ministers of USSR to fulfill scientific research and experimental design works according to agreements with customers over established/installed by rational-economic plan volume of expenditures for scientific-research works.

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To permit to the ministries of the USSR and Union republics - to

customers to transfer to the ministries indicated and to departments the wage fund, necessary for executing the scientific research and experimental design works according to the agreements, in the limits of wage fund to the scientific research works as a whole on ministry-customer.

9. For the purpose of most complete account in national-economic plans of achievements of science and technology to State Committee of the Council of Ministers of USSR on science and technology and Academy of Sciences of the USSR on basis of materials of ministries and departments of USSR, Councils of Ministers of union republics, Academy of Sciences of the USSR, Academies of Sciences of union republics, branch academies of sciences and scientific and technical societies to develop/process and in advance, before composition of annual plans, to represent into Council of Ministers of USSR and into Gosplan of the USSR propositions about use in national economy of results of completed scientific research works, which have important national-economic significance, and also about further conducting in institutes and design bureau of ministries and departments of scientific research works on basis most the long-range/most promising fundamental studies, carried out by the scientific institutions of the Academy of Sciences of the USSR the Academies of Sciences of the union republics, branch Academies of Sciences and by higher educational institutions.

To Gosplan of the USSR, to ministries and to the departments of the USSR and to the Councils of Ministers of the union republics taking into account the propositions indicated to provide for in the plans concrete/specific/actual tasks/targets and measures for the development and the mastery/adoption in the national economy of the new technological processes, highly efficient machines and equipment, methods of organizing of production and work, new, more economical materials, and also for the overall mechanization and the automation of production.

10. For improvement in technical and economic basis of plans of scientific research works and use of achievements of science and technology in national economy to ministries and to departments to determine advisability of including in plan each task/target, on the basis of technical level of planned for development and adoption of technological processes and new production, their economic effectiveness and prospect of use, and to also determine most economical methods of solution of separate scientific and technical problems taking into account to possibility of cooperation with foreign countries or purchases of licenses.

11. To State Committee of the Council of Ministers of USSR on science and technology, Gosplan of the USSR, TsSU [Central Statistical Administration] of USSR, Ministry of Finance of the USSR and Academy of Sciences of the USSR to develop with the enlistment of ministries and departments of the USSR and Councils of Ministers of the union republics and to affirm in 1969 the system of the planned/planning, statistical and registration/accounting indices of development of science and technology, the making it possible to produce the evaluation of actual economic effectiveness in the use scientific and technical developments and to determine the correctness of the realization of technical policy in the branches of national economy.

12. For the purpose of guarantee of wide competition in region of scientific and technical developments, preventing emergence of monopoly in resolution of most important scientific and technical problems and guaranteeing selection of effective means of their realization to ministries and to departments of USSR and to Councils of Ministers of union republics, Academy of sciences of USSR and to branch Academies of Sciences to charge into those necessary cases conducting basic scientific research works, and also design, design and technological developments for several organizations, which go

variously, so that at early stages of studies and construction engineering developments (preliminary design, preliminary design) would be selected best scientific, technical and economic decisions. During the decision of the separate scientific and technical problems, which have especially important significance, to bring these works to the stage of the production prototypes for the purpose of their comparison and the selection of the best models for the mastery/adoption in the production.

13. For accelerating use in national economy of scientific and technical achievements to ministries and to departments of USSR and union republics, Academy of Sciences of the USSR, to Academies of Sciences of union republics and to branch Academies of Sciences:

a) to widely practice participation of branch scientific research, planning, design and building, technological organizations and enterprises (on rights/laws of co-authorship) in most important scientific works, conducted by scientific research institutes of general scientific profile and by higher educational institutions, so that would be provided necessary succession in realization of scientific and technical developments and continuity of works up to use of their results in production;

b) to previously determine enterprises, and also constructions

(according to the agreement with the Gosstroy of the USSR), during which will be realized the results of the most important scientific research, experimental design and technological works, so that the enterprises and the construction organizations could (on the rights/laws of co-authorship) in proper time master jointly with the scientific research, planning, design and building and technological organizations technical documentation and accomplish the preparation of production for the mastery/adoption of new technology.

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To ministries to provide for in the plans of production the execution of the targets, connected with performing of work on the debugging of the pilot models of the new types of equipment, mastered in the national economy.

To State Committee of the Council of Ministers of the USSR on science and technology with the participation of ministries and departments of the USSR to develop and to affirm in 1968 according to the agreement with the Gosplan of the USSR standard situation about the test procedure of the experimental production and pilot models of the new types of equipment.

To heads of ministries and departments to increase the

responsibility of enterprises, scientific research and design and building organizations for the fulfillment of the established/installed plans on the output of the new models of production and the development of the new technological processes.

To State Committee of the Council of Ministers of the USSR on questions of work and wages with the participation of the State Committee of the Council of Ministers of the USSR on science and technology, the Gosplan of the USSR and corresponding ministries and departments within the 6-month period to present into the Council of Ministers of the USSR propositions about the supplementary economic stimulation of enterprises, scientific research and design and building organizations and about the material encouragement of their workers for the accelerated mastery/adoption of new technology, and also about the responsibility of enterprises, scientific and planning organizations, which do not fulfill within the established/installed periods of tasks/targets with respect to development and mastery/adoption of the new models of the production and technological processes.

14. To ministries and to departments of USSR and to Councils of Ministers of union republics to expand in established order cooperation of scientific research, design and building and technological organizations and industrial enterprises with

appropriate organizations and enterprises of countries - members of COMECON:

a) for combined execution of works taking into account to specialization and cooperation on basis of agreements, which foresee shared participation in financing, material interest in fulfillment of accepted obligations and responsibility for their realization. To create if necessary on bilateral and multilateral basis with member countries of COMECON scientific and technical collectives for conducting the combined scientific and technical developments;

b) for the execution on the basis of the orders of organizations and enterprises of the USSR and members of COMECON of separate works on the mutually beneficial conditions;

c) for performing (on the basis of agreements) of experimental work on experimental installations and the test benches of the USSR and members of COMECON.

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To ministries and to departments in the case of acquisition outside the boundary of licenses or technical documentation on the appropriate new types of industrial goods and on the technological

processes, and also with the execution of scientific and technical developments by foreign organizations for the orders of Soviet organizations or by way of scientific and technical cooperation not to allow/assume conducting similar developments or to cease such developments in the subordinate scientific research, design and building and technological organizations and in the enterprises. Acquired outside the boundary of license and technical documentation they must be basis for realizing scientific research, experimental design and technological developments, directed toward the achievement even of the higher technical level of the corresponding articles, materials, the technological processes.

15. To bind ministries and departments of USSR, Councils of Ministers of union republics, Academy of Sciences of the USSR and branch Academies of Sciences to determine main scientific and technical trends of activity of scientific research, planning, design and building and technological organizations and scientific research subdivisions of higher educational institutions, bearing in mind that:

scientific research institutes of general scientific profile and higher educational institutions (scientific research institutes, special research laboratories) must bear responsibility for direction and level of development of allotted for them fields of science, for

scientific and technical level of the conducted by them studies and effectiveness of use of results of works in national economy;

the scientific research, planning, design and building and technological organizations of branch type, including scientific research institutes (laboratories), design and technological bureaus of enterprises, scientific research sectors (departments) and the branch laboratories of higher educational institutions and experimental stations, must bear responsibility for the acceleration of the technical progress in the appropriate fields of production in the country, for level and effectiveness of the conducted by them scientific studies, design, technological developments and for their use in the national economy.

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To establish that the scientific research, planning, design and building and technological organizations with nonassurance in the carried out developments of the guaranteed by them technical-economic parameters and indices, indicated in the agreements and the orders, are obliged for the demand of customer to introduce the necessary corrections for their count and by their means into the shortest technically possible period, matched with customer.

To extend to the scientific research organizations the activity of the resolution of the Council of Ministers of the USSR of 27 October, 1967, No 988 in the part of the material liability for quality and the periods of the execution of works according to the economic agreements (or orders).

16. To ministries and to departments of USSR and union republics, Academy of Sciences of the USSR, to branch Academies of Sciences and academies of sciences of union republics to produce not thinner/less frequent than once a three years appraisal of activity of subordinated to them scientific research, planning, design and building and technological organizations, including of scientific subdivisions of higher educational institutions, during prolonged period (3-4 years), being guided with appraisal by following basic indices, in connection with profile/airfoil of their activity:

newness, prospect and quantity of advanced and realized scientific and technical proposals, including which obtained approval as a result of rivalry and competitions:

general/common/total economic effect, obtained in national economy as a result of using the completed and realized works, and the expected effect from the conducted studies and the scientific and technical developments;

the technical and economic indices of the proposed and mastered in the production new technological processes, new forms of equipment, materials and products in the comparison with the best Soviet and foreign indices in this field;

the use/application of the newest methods of studies and the creation of progressive instruments and equipment for perfecting the experimental works;

the practical contribution to an increase in the technical level and technical and economic indices of enterprises for the attached branch (or the field of production) in the comparison with the general/common/total expenditures of the organization (comparison when this calculation it is feasible, the savings in the rubles, obtained in the national economy, to a ruble in the expenditures of organization);

the quantity and the significance of discoveries/openings and inventions, utilized in the USSR, and sold for the border of the licenses, represented by organization or its individual colleagues, and the economic effect, obtained in the national economy from the realization of these discoveries/openings and inventions;

the fulfillment of obligations on the cooperation with the scientific research and design and building organizations of the members of COMECON and the use of results of this cooperation;

the periods of conducting works (premature execution of targets with the high quality of works) the financial state of organization, the savings of money and material resources, training scientific cadres.

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For eliminating duplication of effort to establish that the works, carried out by institutes and organizations for the directions, not allotted for them, can be taken into consideration with the appraisal of their activity only in such a case, when the results of these works relate to a number of especially effective achievements.

On the results of the evaluation of the results of the activity of institutes and organizations (with the successful accomplishment of the entrusted on them objectives) must be accepted the decisions about their further development, supplementary material encouragement

of collectives due to the means of the centralized bonus funds of ministries and departments. In the case of nonfulfillment by the institutes indicated and by the organizations of the entrusted on them problems are accepted the decisions about a change in the direction of their activity, while sometimes - about strengthening of the leadership of institute, organization or about their close in the routine.

To the State Committee of the Council of Ministers of the USSR on science and technology and Gosstroy of the USSR (in the part of the planning organizations) on the basis of the generalization of the practice of the use/application of basic indices on which is estimated the work of scientific research, planning, design and building, technological organizations and scientific branches - higher educational institutions, to introduce into these indices the necessary changes and specifications.

17. To ministries and to departments of USSR and to Councils of Ministers of union republics to carry out in 1968-1969 further regulation of network/grid of scientific research, planning, design and building and technological organizations, approximation/approach of organizations of branch direction to production, coarsening/consolidation of fine/small uniform ones and abolition of barely effective organizations, reduction of expenditures for

maintenance of administrative staff in organizations indicated. To develop and to affirm according to the agreement with the State Committee of the Council of Ministers of the USSR on science and technology and by Gosstroy of the USSR (in the part of the planning organizations and scientific research institutes for construction and building materials) the diagram of the rational location of scientific institutions for the economic regions of the country taking into account the prospect for the development of the separate branches of national economy.

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On the results of the work conducted to report to the Council of Ministers of the USSR to 1 January, 1970.

18. For raising technical level of works on creation of new means of equipment, articles and materials, development of new technological processes and accelerations of use in national economy of scientific achievements to recommend to ministries and to departments of USSR and for Councils of Ministers of union republics to create in necessary cases in routine:

a) composite scientific institutions in which must be concentrated scientific research, design and building and

technological works, including final adjustment of technological processes with delivery to customer, projecting new ones, reconstruction and modernization of existing enterprises (in part of basic technological processes and of scientific organization of labor);

b) the scientific and industrial associations/unifications, which include scientific research institutes with the design and building and technological subdivisions and industrial enterprises, capable in short periods to create the newest models of machines, equipment, instruments and other industrial goods and to carry out their experimental check at the level of the latest achievements of science and technology, and to also develop/process technological outfitting for their issue and at the termination of the final adjustment of constructions/designs and technology to transfer articles with the equipment for the series production in other enterprises in the field;

c) the specialized profit and loss accounting production-engineering associations/unifications, which include design and building, technological organizations and enterprises, for development and mastery/adoption of the advanced methods of organizing of production and work in the enterprises, which do not have available the appropriate engineer services;

d) scientific research institutes in the composition of large/coarse industrial enterprises.

19. For the purpose of creation of necessary conditions for shortening of periods of preparation of production of new forms of industrial production to Gosplan of the USSR, to ministries and to departments of USSR and to Councils of Ministers of union republics to provide for in national-economic plans accelerated development of specialized capacities for production equipment, molds, dies/stamps, cutting and gauge and optical equipment.

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20. For the purpose of wide development of scientific studies and design and building works directly in production to heads of industrial ministries to take urgent measures for strengthening of design, technological services and research laboratories in enterprises, which independently develop/process new articles, materials and technological processes, to examine and to solve question about transmission to conduct of enterprises in scientific research, design and building and technological organizations, which are found in direct subordination of ministries, including

organizations, it is previously chosen from composition enterprises.

To grant to the State Committee of the Council of Ministers of the USSR on science and to the technology right to accept by the propositions of ministries and departments of the USSR and Councils of Ministers of the union republics of decision about the reference of the research laboratories of the leading industrial enterprises to a number of scientific institutions.

The financing of scientific research works, to the fulfilled by research ones laboratories of the leading enterprises for basic scientific and technical problems, and also the search scientific studies, which correspond to the profile/airfcil of laboratory, can be conducted in the limits of the centralized means of ministries to the scientific research works, taken into consideration in the prime cost of production, or by way of the redistribution of the part of the means to the scientific research works, isolated to ministries from the state budget.

21. To grant right to heads of enterprises and organizations:

to establish/install to specialists, who has scientific degree and who work in their specialty in enterprises of industry, in design and building, technological and design organizations, in enterprises

of rural and forestry of transport, connection/bond, in construction-assembly and geological survey organizations, in computer centers, in reference to I and II groups on remuneration of work of leading and engineering-technical workers, salary rates, envisaged in appendix No 3 to resolution of Council of Ministers of USSR of 5 June, 1957, No 660 for leading and scientific workers of scientific-research institutes of second category;

to establish/install specialists, who has scientific degree and who work in the enterprises indicated and in the organizations, in reference to the I and II groups on the remuneration of the work of the leading and technical-engineering workers, or worker in the operational-production institutions of the main administration of the hydrographic and weather service with the Council of Ministers of the USSR, salary rates in connection with the salary rates of the workers of the scientific research institutes of the third category.

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To heads and deputies of indicated enterprises and organizations, which have scientific degree, salaries are established/installed by the higher organs.

To consider it advisable to equate the remuneration of the work

of the specialists, who have scientific degree and who work in their specialty in the production, with the remuneration of the work of the workers of scientific research institutes according to Appendix No 2.

22. To introduce since 1969 certification of workers of scientific research, planning, design and building, technological organizations and scientific research subdivisions of higher educational institutions, besides scientific workers, who replace appropriate functions on competitor, and administrative-management and junior service personnel. The enumeration of functions, on which is conducted the certification, is established/installed by ministries and departments of the USSR and the union republics, the Academy of Sciences of the USSR, by the Academies of Sciences of the union republics and by the branch Academies of Sciences according to the agreement with the corresponding central committees of trade unions.

To establish that the certification is conducted periodically, once a three years, by certification commissions, appointed each time as the heads of indicated organizations of the number of highly skilled scientific workers and specialists of this institution and representatives of party and trade-union organizations.

According to the results of certification the heads of

organizations accept on the basis of objective evaluation criteria of the activity of the workers of decision about the encouragement of individual workers for the achieved/reached by them successes in the work or in the proper cases about the reduction in post or about the liberation in the routine from the work of those, who do not correspond on their business/business-like qualities of the held position.

To the State Committee of the Council of Ministers of the USSR on science and technology and Gosstroy of the USSR to affirm according to the agreement with VTSSPS All-Union Central Trade-Union Council of situation about the procedure of the certification of the workers of scientific research, planning, design and building, technological organizations and scientific research subdivisions of higher educational institutions, bearing in mind that the certification must be conducted on the basis of objective evaluation criteria of the activity of each worker.

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To recognize as advisable so that the final method to the work of the workers of scientific research, planning, design and building, technological organizations and scientific research subdivisions of higher educational institutions, which are subject to certification,

would precede the testing by period up to 3 months, and sometimes, on the decision of administration, matched with the corresponding committee of trade union, by period up to 6 months, and also that the labor disputes on questions of dismissal and restoration/reduction in the function of workers, acknowledged as a result of certification not corresponding to the held the position, would be examined by the higher by way of subordination organs.

To introduce into the Presidium of the Supreme Soviet of the USSR the projects of edicts on these questions.

23. To bind ministries and departments of USSR and Councils of Ministers of union republics:

a) to develop and to affirm measures for equipment in next 3-4 years of scientific research institutes, higher educational institutions and enterprises by primary experimental means (experimental installations, stands, means of mechanization of scientific and engineering labor and other means);

b) to bring to 1972 of power of basic experimental bases in branches of industry up to level, which ensures checking results of scientific studies and design developments in time not more than one year. In the agriculture to faster and to enlarge experimental basis

for the removal of the new types of basic agricultural cultures, species/stocks of agricultural animals and perfection of technology of the carrying out of agricultural production.

To Gosplan of the USSR, to ministries and to the departments of the USSR and to the Councils of Ministers of the union republics not to provide for in the plans of production the issue of industrial production on the experimental installations;

c) to provide construction and equipment of new experimental production and experimental bases and installations with estimated cost/value to 0.5 mln. rubles during the period up to 12 months, by estimated cost/value to 1 mln. rubles - to 18 months, by the estimated cost/value more than 1 mln. rubles - to 24 months, but with the estimated cost/value of unit is more than 2 mln. rubles the duration of the construction of unit and equipment installation to set in the dependence on the complexity of equipment.

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To permit to scientific research institutions, enterprises and higher educational institutions, which create experimental installations, in each individual case to determine volume and degree of the elaboration of the necessary design documentation. Financing

works on construction and assembly of experimental installations is carried out by banks on the representation of that affirmed by the director of institute or enterprise of the estimate of expenditures/consumptions and the inclusion of unit into the title list, independent of the presence of documentation on 1 September of the preceding/previous year.

The guarantee of construction and assembly of experimental installations by materials, by the basic and completing equipment must be conducted by ministries and Soyuzglavkomplekt [Main Administration for Ensuring the Supply of Complete Sets of Equipment] in the primary order;

d) provide for into the composition of the projects of new industrial enterprises compulsory/necessary construction and introduction/input in the activity in the primary order of experimental laboratories, experimental shops and stands, necessary for the study, final adjustment and comprehensive tests of the newly constructed articles.

24. For the purpose of intensification of material interest of collectives of scientific research, design and building and technological organizations, scientific research subdivisions of higher educational institutions and industrial enterprises in raising

technical level of newly created materials and equipment, in development and mastery/adoption of progressive technological processes and shortening of periods of creation and mastery/adoption of new technology to recognize as necessary so that subsequently economic stimulation of these organizations and industrial enterprises, and also material encouragement of their workers would be set into direct dependence on actual economic effectiveness, received in national economy as a result of using of scientific and technical developments and new technology.

To accept the proposition of the Ministry of Electrical Engineering Industry about the introduction from 1 January, 1969, by way of experience in all scientific research, design and building, technological organizations and in enterprises in this Ministry of the new system of economic stimulation and material encouragement for the creation, the mastery/adoption and the use of new technology due to the following sources:

a) deductions from the profits, which are formed in enterprises in the Ministry of Electrical Engineering Industry as a result of an actual reduction in the prime cost of production during the use of new scientific and technical decisions (perfection of the technological processes, a reduction in specific consumption of materials, an increase in the labor productivity, etc.), proposed and

realized by institutes (organizations) and enterprises in the ministry.

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b) the deductions from the supplementary profit, provided for in the prices of the new types of articles, depending on the annual economic effect, received in the rational economy (in users) from the use of this production, or, sometimes, the means, included in the cost/value of scientific research and design and building works on the development of systems (diagrams) and of complexes of electrotechnical equipment with the use of the produced by industry equipment whose size/dimension is determined depending on the economic effect, received in customer (user), and also the means, included in the cost of operation on the creation of the single models of electrotechnical equipment, to the development of systems (diagrams) at the level of the good ones the world scientific and technical achievements whose economic effectiveness cannot be established/installed.

In connection with the introduction of the system of economic stimulation and material encouragement indicated to establish that from 1 January, 1969, in the Ministry of Electrical engineering Industry is not spread the activity of points 17 and 18 of resolution

of VSNKh of the USSR of 25 August, 1964, No 81 in the part of the deduction of means to the remuneration of the workers of enterprises, scientific research, design and building and technological organizations for the creation and the introduction of new technology.

To permit to the Ministry of Electrical Engineering Industry to produce in the I quarter of 1969 the payment of premiums to the workers of scientific research, design and building and technological organizations and enterprises in the ministry for the execution in the IV quarter of 1968 of thematic plans and works for the mastery/adoption of new technology due to the means, formed in 1968 for these goals in accordance with points 17 and 18 of resolution of VSNKh of the USSR of 25 August, 1964, No 81.

For the new articles and the technological processes, mastered in the production in 1968-1969 on the developments of scientific research, design and building, technological organizations and enterprises, the payment of means to produce with the retention paid off until 1 April, 1969, of bonus means for these developments, and obtained in this case difference of means to include into the centralized bonus fund for the Ministry of Electrical Engineering Industry.

25. To establish/install sizes/dimensions indicated in point 24 of present resolution of deductions, and also means, included in cost of operation depending on annual economic effect, in accordance with sizes/dimensions of one-time premiums for creation and mastery/adoption of new technology, envisaged by point 14 of resolution of VSNKh of USSR of 25 August, 1964, No 81.

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The means, formed according to subparagraphs "a" and "b" of point 24 of this resolution, are paid out to enterprises and to organizations in overall size only for the created and presented to users new types of equipment and articles, which are located at the level of the best world models, or for the mastered in the production new technological processes, which ensured improvement in the quality of production and labor productivity, savings of material resources. If the newly created equipment (article) does not satisfy these requirements on the circumstances, which do not depend on the institutes and the developer organizations and the manufacturing concerns (for example, the absence of production in the USSR of materials of the necessary quality), then the sizes/dimensions of deductions descend respectively by 50 percent. The deviations indicated and their reasons in each case are examined by the leadership of ministry and as it are accepted the corresponding

decisions.

The routine of deductions from the profit, received from a reduction in the prime cost of production, or from the supplementary profit, included in the prices of the realizable production, applies to the articles and the technological processes, newly mastered from 1 January, 1968, and acts according to each means of the articles and processes for two years from the moment/factor of the beginning of the mastery/adoption of series production in this production (or the output of experimental production models of single performance), and also new technological process.

To extend the order of the payment of means indicated due to the deductions from the profits to the works, fulfilled by the scientific research, design and building and technological organizations of other ministries and departments and by higher educational institutions, in the cases of using their developments by enterprises and by associations/unifications of the Ministry of Electrical Engineering Industry.

26. To Ministry of Finance of USSR and to Ministry of Electrical Engineering Industry:

a) to provide for during development of designs of state budget

of USSR total sum of deductions from profit, planned/glided for Ministry of Electrical Engineering Industry for economic stimulation and material encouragement for creation and mastery/adoption of new technique in accordance with points 24 and 25 of this resolution:

b) to develop and to affirm order of account of means for economic stimulation of scientific research, design and building and technological organizations and material encouragement of workers of these organizations and enterprises for creation and mastery/adoption of new technology.

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To the Ministry of Electrical Engineering Industry to represent Gosplan of the USSR and Ministry of Finance of the USSR matched with the State Committee of the Council of Ministers of the USSR on science and technology data about the general/common/total economic effect from the use of the production and technological processes, for development and mastery/adoption of which in the planned/glide year is planned the payment of the means, formed according to subparagraphs "a" and "b" of point 24 of this resolution.

27. For the purpose of gaining of experience of use/application of new methods of economic stimulation of scientific research

institutes, design and building, technological organizations and material encouragement of their workers for acceleration of creation of new technology and of its mastery/adoption in national economy to permit to ministries of USSR for branches of industry and to Ministry of Agriculture of USSR to transfer in 1969 according to agreement with State Committee of the Council of Ministers of USSR on science and technology and by State Committee of the Council of Ministers of USSR on questions of work and of wages of 1-3 scientific research institutes either design and building organizations in each branch to system of economic stimulation and material encouragement, envisaged by present resolution for electrical engineering industry, or for other forms of economic stimulation and material encouragement, envisaged by present resolution for the electrical engineering industry, or for other forms of economic stimulation and material encouragement.

28. To State Committee on Prices under Gosplan of the USSR within 3-month period to develop and according to agreement with State Committee of the Council of Ministers of USSR on science and technology and by Ministry of Finance of USSR to affirm procedure of price formation of new types of articles (materials), having in this case in mind, that part of supplementary savings, received in national economy from their use, must remain at disposal of industrial enterprises, which created new articles (materials), and

its definite/determined share to transfer by these enterprises in accordance with economic agreements in the form of author's reward to scientific research institutions, to design and building and technological organizations and to higher educational institutions, which participated in creation of new technology; to provide also the order of a reduction in the prices of the production, produced long time and according to its technical and economic indices being become obsolete.

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To establish that the size/dimension of annual economic effect from the use in the national economy of new articles (materials) is determined by ministries and department-producers in accordance with the affirmed procedure and is coordinated with the ministries and the departments - customers (users) of these articles (materials).

In the case of the disagreements between the producers and the users of articles (materials) in determining of the dimension of economic effect a question is transferred to the resolution of the State Committee of the Council of Ministers of the USSR on science and technology.

When to the articles (materials) of mass production there is no

straight/direct customer, the annual economic effect from the use of each new article (material), received in the national economy, is determined by ministries and department-producers according to the agreement with the State Committee of the Council of Ministers of the USSR on science and technology.

29. For stimulating selection of scientific and technical developments, which ensure obtaining economic effect in national economy within shortest periods, to establish that in scientific research, design and building and technological organizations and in scientific research subdivisions of higher educational institutions are formed accumulations (profit) from works, fulfilled on basis of economic agreements or intraministry orders, in size/dimension of 1.5 percent of calculated annual economic effect in national economy (in customer) whose obtaining guarantee developer organization during use in customers of proposed scientific and technical decisions, but not more than 6 percent by estimate of cost of operation. The calculated size/dimension of annual economic effect is more precisely formulated during the inspection/acceptance by the customer of work.

Accumulations can be provided for only from such works whose estimated cost/value does not exceed 50 percent of the guaranteed economic effect from the use of results of these works in the national economy.

Education/formation of the accumulations indicated to produce without an increase in the total volumes of the expenditures for scientific research and experimental design works, provided for to the ministries and to the departments of the USSR and to the Councils of Ministers of the union republics in the annual national-economic plans and in the state budget.

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30. To establish that at disposal of scientific research institutions, design and building and technological organizations they are created:

a) fund for material incentive - for bonus-awarding of workers, their reward for annual results of work of institution (organization), and also for rendering of one-time aid to workers;

b) fund for sociocultural measures and housing construction - for construction and major overhaul of habitable houses and cultural-and-general services institutions, and also improvement in cultural and general services of working, scientific workers, technical-engineering workers and employees of institution

(organization).

Entire/all dwelling space, constructed due to the means of this fund, is used for the satisfaction of the needs of the workers of institution (organization) and is distributed by institution itself (organization) with the subsequent statement to the executive committee of the council of the deputies of laborers;

c) the fund for the development of organization (including the invalute part of the fund) as the supplementary source of financing capital investments, acquisition of scientific equipment, instruments, materials and financing of other measures for the continuous technical equipment and improvement in the quality of works.

The unused remainders/residues of the funds indicated convert/transfer to the following year and to withdrawal in institution (organization) they are not subject.

31. Fund for material incentive in scientific research institutions, design and building and technological organizations, transferred into new system of economic stimulation and material encouragement, is created due to 50-60 percent of means, which enter institution (organization) according to subparagraphs "a" and "b" of

point 24 of this resolution, and also premiums on competitive projects and developments. In the scientific research institutions, the design and building and technological organizations, not transferred into the new system of economic stimulation and material encouragement, this fund it is created due to the bonus means on the acting situations and premiums for competitive designs and developments.

32. Fund for sociocultural measures and housing construction is created only in scientific research, design and building and technological organizations, converted to new system of economic stimulation and material encouragement, due to 40-50 percent of means, which enter institute (organization) according to subparagraphs "a" and "b" of point 24 of this resolution or in accordance with other systems of economic stimulation and material encouragement.

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33. Fund for development of organization is created in all scientific research, design and building and technological organizations due to accumulations, included in estimated cost of operation according to point 29 of this resolution, 75 percent of sum of excess of incomes above expenditures/consumptions (they arrived)

from scientific research, experimental design and technological works, fulfilled according to economic agreements (intra-Ministry orders), entries, including in foreign currency, from sale of licenses for inventions, made in this organization, and also means from realization of excessive and leaving equipment.

34. To establish that for funds for material incentive and sociocultural measures and housing construction of scientific research, design and building and technological organizations and enterprises is headed 80 percent of all means, formed according to subparagraphs "a" and "b" of point 24 of this resolution, and remaining 20 percent of means are headed for centralized bonus funds for ministries.

In the case when the period of the production of the new type of article comprises more than two years, ministries pay out from the centralized bonus fund to the enterprises, scientific-research, to design and building and technological organizations in advance the part of the means, formed due to the deductions, which is compensated to ministries after the realization of this article.

35. To Ministry of Electrical engineering Industry within 3-month period to develop and to affirm according to agreement with State Committee of the Council of Ministers of USSR on questions of

work and wages and VTsSPS Regulations about remuneration of workers of scientific research institutes, design and building and technological organizations and enterprises in ministry for creation and mastery/adoption of new technology taking into account present resolution, after providing in situation order of distribution between enterprises, by scientific research, design and building and technological organizations of means, formed due to deductions from profits for creation, mastery/adoption and use of new technology.

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36. To Gosplan of the USSR of State Committee of the Council of Ministers of USSR on material and technical supply, ministries and departments of USSR and Councils of Ministers of union republics to provide for in annual plans by separate row for scientific research works and by separate row for measures for mastery/adoption of advanced technology, mechanization and automation of production processes isolation/liberation of material and technical resources in quantity necessary for executing scientific research, experimental design and technological works, and also for equipping of laboratories, experimental without enterprises, scientific organizations and highest educational institutions.

37. In addition to point 25 of resolution of Council of

Ministers of USSR of 27 January, 1965, No 50 "About increase in effectiveness in scientific studies in field of chemistry, about acceleration of introduction of achievements of chemical science into production and improvement in guarantee of scientific research organizations with laboratory equipment and by instruments" to grant to right scientific research institutions, planning, design and building and technological organizations, higher educational institutions (for scientific research institutes, problematic and branch laboratories, scientific research sectors and departments) and to enterprises (for central plant laboratories) to acquire for performing of research and experimental work instruments, means of automation and laboratory equipment by cost/value to 1500 rubles per unit due to capital expenditures allotted to it by ministries and departments.

To permit to the heads of scientific research institutions, planning, design and building and technological organizations and to the rectors of the higher educational institutions of all ministries and departments to produce the mutual tempering of instruments, materials, semi-finished products and finished articles for executing the scientific research and experimental works, without the agreement with the higher organizations, but with the subsequent statement to them.

38. To committee of standards, measures and measuring instruments with Council of Ministers of USSR to organize in subordinate institutions hire of means of measurement and instruments and conducting especially precise measurements for scientific research institutions, planning, design and technological organizations, enterprises and higher educational institutions.

To State Committee on Prices under the Gosplan of the USSR to affirm tariff for the hire of instruments and conducting of measurements.

39. To Ministry of Chemical industry of USSR to organize through Soyuzglavreaktiv maintenance/servicing on subscribers of urgent needs of scientific institutions in separate forms of reagents, high-purity substances and biochemical preparations.

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40. To State Committee of the Council of Ministers of USSR on science and technology jointly with Gosplan of the USSR, Gosstroy of the USSR, Academy of Sciences of the USSR, Ministry of Finance of USSR and participation of ministries and departments:

a) to develop and within 6-month period to present into Council

of Ministers of USSR general position scientific research institutions, design and building and technological organizations, after providing in it basic responsibilities, right/law and responsibility of institutions and organizations for accomplishment of entrusted on them objectives;

b) to develop and to affirm:

Standard situation about order of conclusion of economic agreements and delivery of intraministry orders for performing of scientific research, experimental design and technological work;

General position on the order of inspection/acceptance and appraisal of the completed scientific and technical developments, after providing in it the responsibility of scientific research institutions, design and building and technological organizations as the nonfulfillment of the accepted obligations on the guaranteed by them technical decisions, the economic indices and the periods of the performance of the ordered works, and also customers' responsibility in the case of late change by them technical tasks/targets for the works, conducted on their orders, or the decreases of the volumes of orders for the articles of new technology, started into the production.

41. To charge to ministries and departments of USSR, to Councils of Ministers of union republics, Academy of Sciences of the USSR and branch academies of Sciences to develop, on the basis of present resolution, and to affirm measures for increase in effectiveness in work subordinate by it scientific, planning, design, technological organizations and scientific research subdivisions of higher educational institutions in connection with their types and structure.

42. To State Committee of the Council of Ministers of USSR on science and technology and Academy of Sciences of the USSR to report in first half-year of 1970 to CC CPSU and to Council of Ministers of USSR about course of executing present resolution.

The Central Committee of CPSU and the Council of Ministers of the USSR focus attention of party, Soviet, economic, trade-union Komsomol organizations to the need for a basic improvement in the entire work on further development of science and acceleration of the technical progress in all branches of national economy.

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To the Central Committee of communist parties and to the Councils of Ministers of union republics, to territorial, regional,

urban and district party and Soviet organs to increase leadership of scientific research and design and building organizations, to increase the responsibility of the heads of enterprises and scientific institutions for the execution of state plans and targets with respect to creation and mastery/adoption of the newest technological processes and types of equipment, to concentrate the attention of the collectives of institutes and design bureaus in resolving of the most important urgent problems, which have great national-economic significance.

Secretary of the Central Committee of CPSU L. Brezhnev.

Chairman of the Council of Ministers of the USSR A. Kosygin.

Moscow, the Kremlin, 24 September, 1968, No 760.